The College Placement Council
62 Highland Avenue / Bethlehem, PA 18017

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CPC Salary Survey

A study of 1982-1983 beginning offers / Formal Report No. 3, July 1983

In January, when this year's first formal *Salary Survey* report was released, an air of uncertainty surrounded the economic recovery. By the time of the March report, there were continuing mixed signals and confusion as to whether the recession was nearing an end.

In more recent weeks, however, it has become apparent that economic recovery is finally a reality. In general, the business mood is upbeat. Confidence is spreading. Corporate America, it seems, has trimmed down to fighting weight and is ready to bounce back.

Unfortunately, the end of the long period of economic uncertainty arrived too late to appreciably improve the employment situation for the class of 1983. This year end report confirms what everyone knew was taking place—the number of job offers extended to this year's college graduates was down sharply. For example, 33,604 offers were reported for bachelor's degree candidates, compared with 51,290 a year ago.

To maintain proper perspective, it is important, when examining the data in this report or making comparisons with previous years, to keep several points in mind.

First, the meteoric rise in both volume of offers and percentage increases in starting salary rates in recent years prior to 1982-83 will, in retrospect, probably prove to be atypical.

Second, while many employers had fewer job openings, the number of offers in the report was probably influenced by the fact that students accepted offers earlier and more quickly, allowing employers to make fewer offers to fill available positions.

One interesting development was that non-technical graduates fared better in many cases than their counterparts in the technical disciplines. The growing interest in non-technical candidates was reflected in starting salaries, with all disciplines in both the business and humanities groups experiencing increases over July 1982.

Humanities was the only curriculum at the bachelor's level to report more offers than last year. Although at the lower end of the salary scale, humanities also recorded the largest percentage increase—7.6 percent—in the average salary offer.

Eight of the 25 bachelor's disciplines ended the year with averages below those in July 1982. Those that did report increases generally advanced only 1 percent to 3 percent compared with a year ago, a pattern not seen since the early 1970s when average increases hovered around the 1 percent to 2 percent level.

Although petroleum engineering managed to hold on to the top salary spot—$2,568 per month—the number of offers dropped dramatically.

And, while the monthly average of $2,228 for chemical engineers ranked second, it was actually 1.2 percent below last July's figure.

The number of offers to engineers continued the downhill trend for a second straight year. This year their proportion of the total volume dropped to 50 percent—the lowest level since 1976.

A comparison of men's and women's salary offers reveals no significant differences in the engineering group. Women fared slightly better in some engineering disciplines, while men received higher average offers in others.

In the business, humanities and social sciences, and sciences group, the average salary offer to women was lower in all cases except economics.

At the master's level the story was slightly different. Things seemed to improve appreciably at the end of the year. Several disciplines recorded more offers than last year and almost all reported increases in starting rates.

MBAs, in particular, had a good showing. Those MBA candidates with a technical undergraduate degree reported

(continued on page 11)

SCOPE AND NATURE OF THE SURVEY

The scope, nature, and coverage of the CPC *Salary Survey* are particularly important to the interpretation and proper use of the statistics.

The study surveys a fairly consistent population which includes 185 placement offices at 160 colleges and universities throughout the United States. Offers are reported from employing organizations in business, industry, government, and non-profit and educational organizations. The offers are base starting salary offers and do not include fringe benefits or overtime. The data cover a broad range of functional positions, except teaching. Confidentiality is maintained for the individual, the college, and the employer.

The *Survey* reports offers, not acceptances, with no limit on the number of offers per student. Therefore, offers in the study cannot be equated with actual hires, and when the economic climate changes substantially, the ratio of offers to hires usually changes also, making comparison with other years no longer valid. In those categories where offers are relatively few, the data should be regarded only as an indication.

The *Survey* is available only to members and *Salary Survey* subscribers of the College Placement Council and is intended for the professional use of its constituents. Formal reports are issued in January, March, and July. A Preliminary Report is issued in December and a Summer Supplement in October.

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AVERAGE MONTHLY SALARY OFFERS

Bachelor's Degree Candidates

(Data Combined for Men and Women)

By Curriculum For All Types of Employers	Number of Offers		Average $ Offers		Percent Change in $ Offers from July 1982	Percentiles		
	July 1983	July 1982	July 1983	July 1982		90th	50th	10th
Business								
Accounting	5,618	8,221	$1,565	$1,545	1.3%	$1,750	$1,560	$1,400
Business—General (incl. Mgmt.)	3,272	4,175	1,486	1,477	0.6	1,916	1,500	1,083
Marketing & Distribution	1,457	1,743	1,411	1,370	3.0	1,750	1,416	1,076
Humanities and Social Sciences								
Humanities	715	651	1,380	1,283	7.6	1,958	1,333	900
Economics[1]	577	618	1,590	1,543	3.1	2,041	1,542	1,200
Other Social Sciences	810	899	1,320	1,286	2.6	1,833	1,250	888
Engineering								
Aeronautical	439	553	2,004	1,973	1.6	2,295	2,075	1,603
Chemical	1,156	3,986	2,228	2,256	– 1.2	2,458	2,250	1,967
Civil (incl. Construction, Sanitary, & Transportation Engrg.)	892	2,326	1,869	1,925	– 2.9	2,200	1,833	1,500
Electrical (incl. Computer Engrg.)	8,285	9,976	2,128	2,064	3.1	2,317	2,166	1,837
Geological	35	311	2,089	2,253	– 7.3	2,416	2,250	1,410
Industrial	841	1,644	2,048	2,023	1.2	2,266	2,083	1,794
Mechanical	3,883	7,338	2,096	2,098	– 0.1	2,310	2,135	1,794
Metallurgical (incl. Metallurgy & Ceramic Engrg.)	277	519	2,146	2,106	1.9	2,300	2,175	1,833
Mining	30	156	2,041	2,114	– 3.5	2,300	2,050	1,550
Nuclear (incl. Engrg. Physics)	114	244	2,078	2,039	1.9	2,276	2,145	1,777
Petroleum	307	1,090	2,568	2,539	1.1	2,750	2,650	2,250
Engineering Technology	624	1,105	2,006	1,958	2.5	2,250	2,041	1,667
Sciences								
Agricultural Sciences	297	469	1,375	1,391	– 1.2	1,833	1,333	1,000
Biological Sciences	149	169	1,419	1,375	3.2	1,935	1,417	923
Chemistry	147	262	1,712	1,751	– 2.2	2,095	1,750	1,200
Computer Science	2,572	3,227	1,941	1,908	1.7	2,208	2,000	1,542
Health (Medical) Professions	423	439	1,584	1,492	6.2	2,000	1,541	1,260
Mathematics	517	708	1,799	1,777	1.2	2,166	1,837	1,379
Other Physical & Earth Sciences	167	461	1,746	1,980	–11.8	2,333	1,791	1,114
	33,604	51,290						

[1]Includes economics programs with both business and social science orientation.

AVERAGE MONTHLY SALARY OFFERS

Bachelor's Degree Candidates

(Data Combined for Men and Women)

By Functional Area For All Types of Employers	Number of Offers		Average $ Offers		Percent Change in $ Offers from July 1982	Percentiles		
	July 1983	July 1982	July 1983	July 1982		90th	50th	10th
Accounting/Auditing	5,795	8,336	$1,565	$1,546	1.2%	$1,750	$1,560	$1,384
Business Administration	1,792	2,284	1,464	1,469	– 0.3	1,916	1,450	1,000
Communications	232	259	1,498	1,384	8.2	2,200	1,454	900
Community & Service Orgs. Work	182	253	1,175	1,154	1.8	1,600	1,118	791
EDP-Programming/Systems	3,041	3,580	1,943	1,890	2.8	2,225	2,000	1,542
Engineering	15,648	27,334	2,115	2,105	0.5	2,333	2,150	1,794
Farm & Natural Resources Mgmt.	106	168	1,326	1,394	– 4.9	1,750	1,271	1,000
Finance & Economics	1,189	1,350	1,563	1,546	1.1	2,000	1,583	1,167
Health (Medical) Services	494	543	1,530	1,440	6.3	1,940	1,500	1,166
Manufacturing &/or Industrial Opns.	607	1,127	1,924	1,884	2.1	2,252	2,000	1,420
Mathematics/Statistics	287	543	1,734	1,741	– 0.4	2,105	1,775	1,333
Merchandising/Sales Promotion	1,251	1,432	1,318	1,277	3.2	1,666	1,250	1,000
Personnel/Employee Relations	156	225	1,375	1,402	– 1.9	1,875	1,333	985
Research—Non-Scientific	241	170	1,649	1,596	3.3	2,166	1,666	1,025
Research—Scientific	505	968	1,805	1,924	– 6.2	2,275	1,875	1,200
Rotational Training—Non-Technical	494	614	1,397	1,328	5.2	1,920	1,333	1,083
Rotational Training—Technical	274	595	1,900	2,001	– 5.1	2,250	2,038	1,379
Sales—Non-Technical Degree	1,133	1,245	1,464	1,434	2.1	1,833	1,500	1,083
Sales—Tech./Scientific Degree	177	264	1,880	1,922	– 2.2	2,250	1,958	1,400
	33,604	51,290						

PROPORTION OF OFFERS BY CURRICULAR AREA

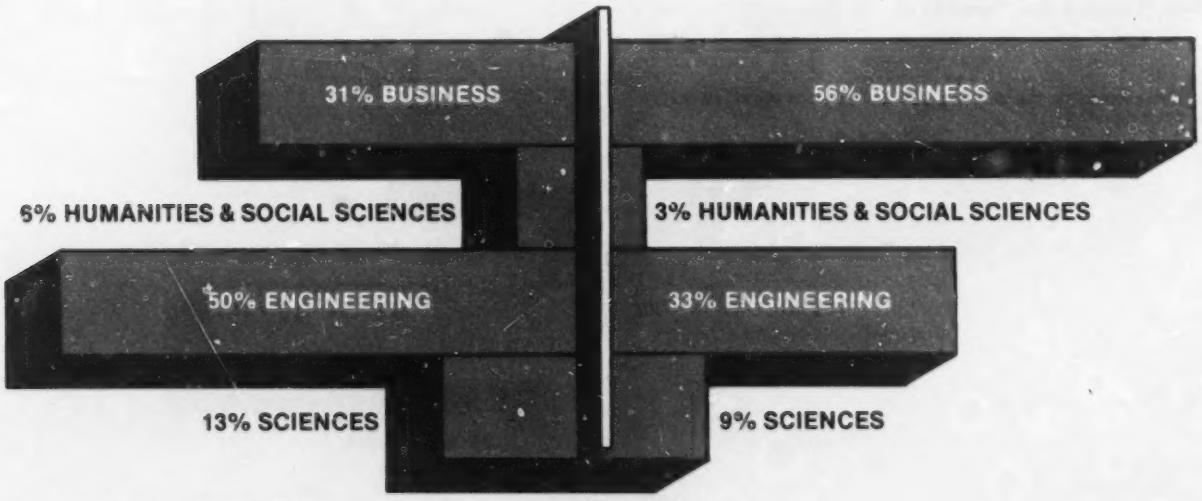
Bachelor's Degree Candidates

Total Offers = 33,604

Master's Degree Candidates

(Inexperienced)

Total Offers = 4,799*



**Due to rounding of figures, total may not equal 100%.*

AVERAGE MONTHLY SALARY OFFERS

Bachelor's Degree Candidates

(Data Separate for Men and Women)

By Curriculum For All Types of Employers	MEN				WOMEN			
	Number of Offers		Average $ Offers		Number of Offers		Average $ Offers	
	July 1983	July 1982	July 1983	July 1982	July 1983	July 1982	July 1983	July 1982
Business								
Accounting	3,339	5,009	$1,567	$1,543	2,279	3,212	$1,561	$1,547
Business—General (incl. Mgmt.)	2,043	2,745	1,495	1,496	1,229	1,430	1,472	1,440
Marketing & Distribution	895	1,001	1,446	1,412	562	742	1,355	1,314
Humanities and Social Sciences								
Humanities	288	273	1,457	1,362	427	378	1,328	1,227
Economics[1]	369	389	1,588	1,579	208	229	1,593	1,482
Other Social Sciences	360	416	1,427	1,375	450	483	1,234	1,209
Engineering								
Aeronautical	380	487	2,008	1,973	59	66	1,981	1,972
Chemical	779	2,969	2,222	2,253	377	1,017	2,238	2,263
Civil (incl. Construction, Sanitary, & Transportation Engrg.)	700	1,983	1,865	1,924	192	343	1,881	1,930
Electrical (incl. Computer Engrg.)	7,239	8,945	2,128	2,062	1,046	1,031	2,132	2,079
Geological	28	259	2,049	2,254	7	52	2,250	2,250
Industrial	532	1,164	2,031	2,023	309	480	2,078	2,024
Mechanical	3,372	6,603	2,095	2,096	511	735	2,105	2,113
Metallurgical (incl. Metallurgy & Ceramic Engrg.)	199	417	2,148	2,100	78	102	2,142	2,129
Mining	30	151	2,041	2,113	†	5	†	2,139
Nuclear (incl. Engrg. Physics)	98	209	2,074	2,028	16	35	2,106	2,102
Petroleum	245	965	2,569	2,542	62	125	2,565	2,518
Engineering Technology	595	1,041	2,007	1,962	29	64	1,981	1,884
Sciences								
Agricultural Sciences	247	385	1,390	1,422	50	84	1,298	1,249
Biological Sciences	61	87	1,492	1,415	88	82	1,369	1,332
Chemistry	77	163	1,741	1,747	70	99	1,681	1,757
Computer Science	1,578	2,017	1,960	1,907	994	1,210	1,911	1,909
Health (Medical) Professions	57	64	1,733	1,722	366	375	1,560	1,453
Mathematics	259	377	1,824	1,794	258	331	1,774	1,757
Other Physical & Earth Sciences	120	372	1,802	2,006	47	89	1,603	1,871
	23,890	38,491			9,714	12,799		

[1]Includes economics programs with both business and social science orientation.
†No offers reported.

AVERAGE MONTHLY SALARY OFFERS

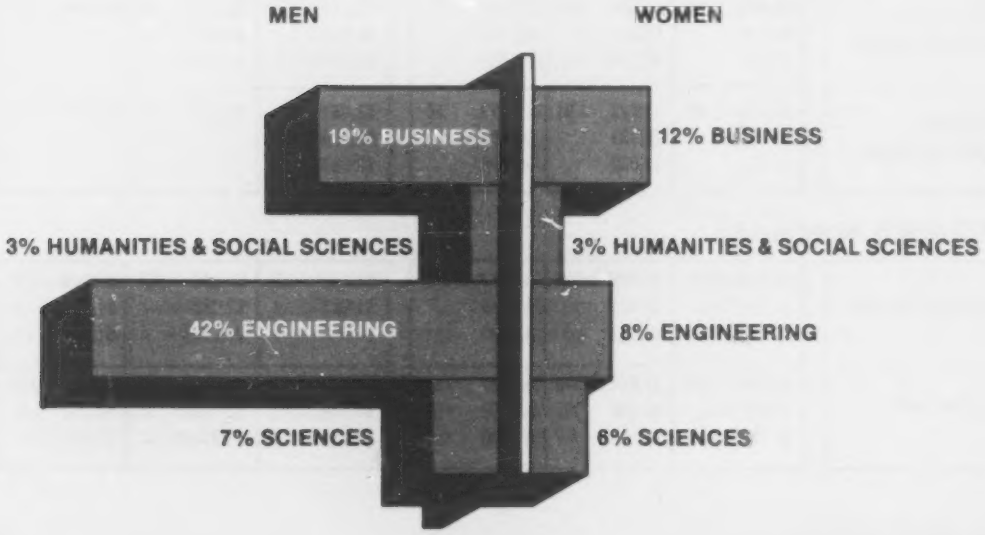
Bachelor's Degree Candidates

(Data Separate for Men and Women)

By Functional Area For All Types of Employers	MEN				WOMEN			
	Number of Offers		Average $ Offers		Number of Offers		Average $ Offers	
	July 1983	July 1982	July 1983	July 1982	July 1983	July 1982	July 1983	July 1982
Accounting/Auditing	3,443	5,075	$1,570	$1,546	2,352	3,261	$1,558	$1,546
Business Administration	1,064	1,412	1,503	1,504	728	872	1,405	1,412
Communications	121	127	1,600	1,515	111	132	1,386	1,257
Community & Service Orgs. Work	70	122	1,285	1,266	112	131	1,106	1,049
EDP-Programming/Systems	1,821	2,230	1,968	1,896	1,220	1,350	1,907	1,881
Engineering	13,162	23,572	2,113	2,101	2,486	3,762	2,128	2,129
Farm & Natural Resources Mgmt.	87	138	1,329	1,406	19	30	1,309	1,336
Finance & Economics	763	880	1,547	1,565	426	470	1,593	1,511
Health (Medical) Services	75	107	1,679	1,548	419	436	1,503	1,414
Manufacturing &/or Industrial Opns.	482	911	1,953	1,897	125	216	1,809	1,828
Mathematics/Statistics	158	315	1,752	1,756	129	228	1,711	1,722
Merchandising/Sales Promotion	675	763	1,369	1,339	576	669	1,258	1,206
Personnel/Employee Relations	79	110	1,448	1,492	77	115	1,301	1,316
Research—Non-Scientific	143	106	1,688	1,749	98	64	1,592	1,343
Research—Scientific	341	696	1,862	1,957	164	272	1,685	1,842
Rotational Training—Non-Technical	274	375	1,442	1,355	220	239	1,340	1,286
Rotational Training—Technical	214	478	1,936	2,012	60	117	1,770	1,953
Sales—Non-Technical Degree	780	862	1,492	1,450	353	383	1,402	1,398
Sales—Tech./Scientific Degree	138	212	1,866	1,917	39	52	1,931	1,939
	23,890	38,491			9,714	12,799		

PROPORTION OF TOTAL OFFERS BY SEX

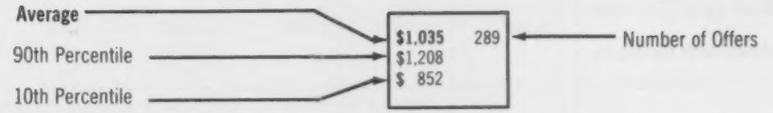
Bachelor's Degree Candidates Total Offers = 33,604



Monthly beginning salary offers to all candidates by curriculum and employer

Formal Report No. 3 ■ July 1983 ■ Data combined for men and women

Diagram indicates arrangement of data in blocks.



The 90th percentile is that salary offer above which 10 percent of the offers are located. The 10th percentile is that salary offer below which 10 percent of the offers are located. Not computed for fewer than 20 offers.

NON-TECHNICAL

CURRICULUM	BUSINESS			MANUFACTURING ■ INDUSTRIAL												GOVT ■ NON-PROFIT		
	Accounting—Public	Banking, Finance, & Insurance	Merchandising (Retail & Wholesale) & Services	Aerospace, Electronics, & Instruments	Automotive & Mechanical Equipment	Building Materials Mfrs. & Construction	Chemicals, Drugs, & Allied Products	Electrical Machinery & Equipment	Food & Beverage Processing	Glass, Paper, Packaging, & Allied Products	Metals & Metal Products	Petroleum & Allied Products (incl. Nat. Gas)	Research &/or Consulting Organizations	Tire & Rubber	Utilities—Public (incl. Transportation)	Government—Federal	Government—Local/State	Non-Profit Orgs. & Educational Institutions
BACHELOR'S DEGREE																		
Accounting	$1,571 4,481 $1,750 $1,433	$1,424 176 $1,701 $1,042	$1,425 115 $1,800 $1,100	$1,609 95 $1,832 $1,333	$1,507 30 $1,833 $1,167	$1,477 20 $1,775 $1,083	$1,651 61 $1,865 $1,400	$1,574 50 $1,750 $1,083	$1,569 64 $1,710 $1,250	$1,538 31 $1,708 $1,375	$1,625 27 $1,833 $1,425	$1,691 231 $1,825 $1,500	$1,531 19	$1,575 1	$1,574 81 $1,833 $1,408	$1,338 49 $1,441 $1,125	$1,429 68 $1,641 $1,250	$1,324 19
Business—General (incl. Mgmt.)	$1,655 115 $1,875 $1,500	$1,434 886 $1,833 $1,050	$1,276 792 $1,542 $1,000	$1,679 343 $2,000 $1,333	$1,690 35 $2,300 $1,240	$1,576 50 $2,000 $1,200	$1,656 176 $2,000 $1,300	$1,592 111 $1,866 $1,200	$1,615 189 $1,916 $1,216	$1,521 71 $1,833 $1,100	$1,547 24 $2,050 $1,083	$1,779 115 $2,150 $1,375	$1,588 97 $2,000 $1,125	$1,525 14	$1,684 106 $2,100 $1,235	$1,420 81 $1,833 $1,114	$1,286 22 $1,500 $ 950	$1,279 45 $1,667 $ 850
Marketing & Distribution	$1,600 5	$1,390 103 $1,750 $1,000	$1,289 653 $1,584 $1,000	$1,500 90 $1,750 $1,200	$1,612 36 $1,875 $1,350	$1,524 43 $1,667 $1,350	$1,600 161 $1,800 $1,350	$1,459 70 $1,650 $1,042	$1,512 122 $1,833 $1,125	$1,513 52 $1,800 $1,258	$1,579 29 $1,920 $1,208	$1,669 18	$1,268 18	$1,279 10	$1,558 30 $2,000 $1,100	$1,351 5	$1,427 5	$1,340 7
Humanities	$1,522 14	$1,567 145 $2,000 $1,100	$1,220 281 $1,583 $ 866	$1,639 34 $2,000 $1,225	$1,633 3	$1,263 9	$1,594 31 $1,800 $1,333	$1,913 17	$1,448 17	$1,362 15	$1,850 6	$1,475 2	$1,634 31 $2,083 $1,200	$1,540 4	$1,433 13	$1,419 25 $1,792 $ 995	$1,085 21 $1,500 $ 875	$1,036 47 $1,300 $ 750
Economics	$1,587 30 $1,791 $1,500	$1,628 308 $2,042 $1,250	$1,293 75 $1,625 $1,040	$1,627 18		$1,617 5	$1,579 14	$1,657 18	$1,580 22 $1,835 $1,350	$1,605 15	$1,969 3	$1,650 6	$1,872 36 $2,167 $1,346	$1,655 1	$1,690 8	$1,271 9	$1,354 2	$1,513 7
Other Social Sciences	$1,590 6	$1,520 148 $2,000 $1,000	$1,166 254 $1,500 $ 867	$1,494 24 $1,790 $1,166	$1,386 5	$1,462 7	$1,546 28 $1,785 $1,272	$1,581 21 $1,958 $1,100	$1,299 14	$1,469 6	$1,478 8	$1,683 3	$1,472 35 $2,000 $1,050	$1,200 1	$1,588 22 $2,125 $1,100	$1,366 50 $1,690 $1,066	$1,249 55 $1,600 $ 958	$1,140 123 $1,625 $ 766
MASTER'S DEGREE-INEXPERIENCED																		
MBA—Non-Technical Undergraduate Degree	$1,892 282 $2,166 $1,625	$2,350 524 $3,083 $1,715	$2,086 127 $2,750 $1,375	$2,217 125 $2,500 $1,900	$2,367 33 $3,000 $1,750	$2,044 15	$2,348 72 $2,750 $1,791	$2,363 33 $3,000 $1,666	$2,450 83 $2,916 $1,833	$2,452 16	$2,062 9	$2,304 47 $3,000 $1,850	$2,291 75 $3,000 $1,700	$2,357 5	$2,218 37 $2,750 $1,550	$1,814 9	$1,512 10	$2,035 16
MBA—Technical Undergraduate Degree	$2,120 61 $2,400 $1,833	$2,622 91 $3,333 $2,000	$2,493 38 $3,083 $1,916	$2,431 81 $2,750 $2,083	$2,833 10	$2,127 4	$2,611 81 $2,916 $2,290	$2,715 23 $3,300 $2,210	$2,719 35 $2,833 $2,500	$2,746 6	$2,437 9	$2,607 34 $3,083 $1,950	$2,599 32 $3,666 $2,000		$2,574 17	$2,416 2	$2,083 2	$1,500 1
BACHELOR'S SUMMARY																		
Non-Technical Curricula	$1,573 4,651 $1,750 $1,433	$1,482 1,766 $2,000 $1,083	$1,268 2,170 $1,583 $1,000	$1,630 604 $1,983 $1,280	$1,598 109 $2,083 $1,200	$1,519 134 $1,800 $1,083	$1,623 471 $1,850 $1,333	$1,579 287 $1,850 $1,125	$1,560 428 $1,835 $1,200	$1,514 190 $1,800 $1,166	$1,604 97 $2,000 $1,208	$1,715 375 $1,958 $1,475	$1,591 236 $2,083 $1,166	$1,443 31 $1,750 $1,125	$1,615 260 $2,000 $1,228	$1,382 219 $1,690 $1,073	$1,311 173 $1,607 $ 980	$1,176 248 $1,583 $ 785
Technical Curricula	$1,784 125 $2,000 $1,583	$1,618 340 $2,000 $1,250	$1,634 335 $2,166 $1,100	$2,127 9,666 $2,300 $1,950	$2,135 677 $2,330 $1,850	$1,959 503 $2,250 $1,600	$2,138 1,137 $2,350 $1,833	$2,126 1,617 $2,250 $1,960	$1,975 324 $2,275 $1,350	$2,143 250 $2,300 $1,950	$2,101 379 $2,250 $1,900	$2,352 1,157 $2,700 $1,958	$1,996 558 $2,300 $1,565	$2,107 55 $2,266 $1,775	$2,110 1,269 $2,308 $1,875	$1,689 2,058 $1,940 $1,380	$1,685 227 $2,195 $1,250	$1,533 468 $1,916 $1,100

Bachelor's Degree

TECHNICAL

CURRICULUM	BUSINESS			MANUFACTURING & INDUSTRIAL				
	Accounting—Public	Banking, Finance, & Insurance	Merchandising (Retail & Wholesale) & Services	Aerospace, Electronics, & Instruments	Automotive & Mechanical Equipment	Building Materials Mfrs. & Construction	Chemicals, Drugs, & Allied Products	Electrical Machinery & Equipment
Aeronautical Engineering	$1,043 1	$1,250 1	$1,405 4	$2,089 341 $2,300 $1,795	$1,825 2	$1,475 2	$2,196 2	$2,206 4
Chemical Engineering		$1,987 6	$1,990 5	$2,132 158 $2,290 $1,984	$2,225 18	$2,101 13	$2,257 392 $2,375 $2,150	$2,216 32 $2,475 $2,000
Civil Engineering (incl. Construction, Sanitary, & Transportation Engrg.)	$1,985 10	$1,997 12	$1,780 3	$2,056 71 $2,244 $1,875	$2,040 6	$1,860 237 $2,140 $1,540	$2,066 14	$2,044 10
Electrical Engineering (incl. Computer Engrg.)	$1,771 8	$1,817 7	$2,053 38 $2,235 $1,794	$2,170 5,214 $2,318 $2,020	$2,175 153 $2,325 $2,000	$2,203 59 $2,400 $2,041	$2,195 171 $2,333 $2,083	$2,162 843 $2,275 $2,038
Geological Engineering			$ 700 1	$2,184 2		$1,950 1		$1,958 1
Industrial Engineering	$1,842 35 $2,000 $1,650	$1,722 3	$1,776 9	$2,079 350 $2,283 $1,900	$2,156 54 $2,344 $1,917	$2,032 33 $2,125 $1,830	$2,153 78 $2,292 $1,975	$2,082 49 $2,250 $1,900
Mechanical Engineering	$2,130 1	$1,617 2	$2,002 16	$2,127 1,427 $2,283 $2,000	$2,147 320 $2,330 $1,875	$2,097 89 $2,297 $1,775	$2,193 205 $2,333 $2,050	$2,126 385 $2,235 $2,000
Metallurgical Engineering (incl. Metallurgy & Ceramic Engrg.)				$2,130 65 $2,250 $2,000	$2,195 32 $2,333 $1,875	$2,138 2	$2,261 22 $2,325 $2,150	$2,198 17
Mining Engineering				$2,050 1	$2,140 1	$1,933 3	$2,225 2	
Nuclear Engineering (incl. Engrg. Physics)			$1,583 1	$2,160 26 $2,276 $2,000		$2,163 3		$2,159 5
Petroleum Engineering	$1,833 1	$2,367 3	$2,340 1	$2,400 3		$2,667 1	$2,300 3	$2,250 2
Engineering Technology		$1,486 1	$1,486 7	$2,069 351 $2,250 $1,890	$2,076 31 $2,333 $1,750	$1,854 43 $2,200 $1,500	$2,101 21 $2,334 $1,833	$2,028 58 $2,250 $1,833
Agricultural Sciences	$1,676 4	$1,319 35 $1,583 $1,135	$1,325 74 $1,750 $1,000		$1,460 2	$1,581 4	$1,458 25 $1,900 $1,000	1,533 2
Biological Sciences		$1,375 6	$1,271 20 $1,583 $ 833	$1,831 22 $2,150 $1,543	$1,500 1		$1,619 19	$1,761 4
Chemistry			$1,592 6	$1,920 6	$2,167 1		$1,794 80 $2,083 $1,450	
Computer Science	$1,739 55 $1,925 $1,541	$1,582 116 $1,958 $1,275	$1,715 108 $2,166 $1,250	$2,032 1,437 $2,250 $1,833	$1,965 52 $2,180 $1,667	$1,882 11	$2,009 77 $2,216 $1,875	$1,987 139 $2,195 $1,666
Health (Medical) Professions			$1,820 21 $2,275 $1,166	$1,684 2	$1,750 1		$1,910 12	
Mathematics	$1,723 10	$1,665 141 $1,958 $1,333	$1,426 16	$1,973 148 $2,193 $1,750	$2,193 3	$1,375 1	$1,922 10	$2,056 62 $2,233 $1,828
Other Physical & Earth Sciences		$1,524 7	$1,213 5	$2,079 42 $2,333 $1,825		$1,250 1	$2,002 4	$2,052 4

Food & Beverage Processing	Glass, Paper, Packaging, & Allied Products	Metals & Metal Products	Petroleum & Allied Products (incl. Nat. Gas)	Research &/or Consulting Organizations	Tire & Rubber	Utilities—Public (incl. Transportation)	Government—Federal	Government—Local/State	Non-Profit Orgs. & Educational Institutions
				$2,073 6		$1,600 2	$1,690 72 $1,800 $1,448	$1,561 1	$ 900 1
$2,227 73 $2,300 $2,085	$2,231 75 $2,333 $2,100	$2,115 13	$2,405 242 $2,533 $2,250	$2,245 14	$2,224 9	$2,166 34 $2,300 $1,958	$1,794 67 $2,081 $1,487	$1,718 5	
$2,139 6	$2,284 4	$2,110 16	$2,240 37 $2,500 $1,800	$1,936 104 $2,167 $1,560		$1,955 78 $2,250 $1,650	$1,699 157 $1,800 $1,449	$1,659 123 $1,933 $1,400	$1,601 4
$2,161 19	$2,193 55 $2,300 $2,024	$2,150 61 $2,295 $2,000	$2,314 120 $2,540 $2,102	$2,162 146 $2,333 $1,958	$2,110 3	$2,183 539 $2,400 $2,025	$1,726 811 $1,975 $1,448	$2,195 31 $2,526 $1,791	$2,118 7
			$2,244 25 $2,417 $2,083	$2,250 1			$1,448 4		
$2,210 33 $2,417 $1,907	$2,065 14	$2,075 25 $2,200 $1,800	$2,276 9	$1,950 13	$2,275 2	$2,132 39 $2,266 $1,958	$1,768 88 $2,000 $1,449	$1,900 4	$1,722 3
$2,178 73 $2,250 $2,050	$2,160 63 $2,341 $2,042	$2,124 121 $2,275 $1,975	$2,352 230 $2,525 $2,125	$2,080 93 $2,292 $1,820	$2,185 22 $2,250 $2,125	$2,136 334 $2,250 $2,000	$1,748 497 $1,958 $1,448	$1,681 4	$2,000 1
	$2,200 1	$2,155 92 $2,250 $2,083	$2,479 6	$2,149 4	$2,270 3	$2,290 11	$1,748 22 $1,800 $1,449		
$1,750 1		$1,868 8	$2,253 10			$2,260 2	$1,525 2		
			$2,250 3	$1,941 4		$2,151 58 $2,297 $2,000	$1,617 14		
		$2,193 3	$2,584 284 $2,750 $2,333	$2,692 3		$2,430 3			
$1,862 19	$2,038 8	$1,895 11	$1,823 11	$1,743 18	$1,992 3	$2,012 20 $2,250 $1,791	$1,677 13	$1,825 5	$1,700 4
$1,472 69 $1,917 $1,120	$1,200 2	$1,500 1	$1,630 8	$1,330 7		$1,530 6	$1,229 26 $1,500 $1,066	$1,283 20 $1,500 $1,000	$1,172 12
$1,481 7	$1,200 1			$1,198 10		$1,371 14	$1,516 9	$1,249 7	$1,140 29 $1,500 $ 791
$1,759 5	$1,875 2	$1,875 1	$2,129 8	$1,533 12	$1,763 2	$1,722 3	$1,321 9	$1,667 2	$1,120 10
$1,918 13	$1,975 23 $2,150 $1,750	$1,902 25 $2,050 $1,635	$1,997 130 $2,175 $1,855	$1,939 96 $2,208 $1,541	$1,871 11	$1,946 87 $2,253 $1,708	$1,523 148 $1,900 $1,114	$1,806 11	$1,675 33 $1,900 $1,200
						$1,596 12	$1,498 11	$1,530 7	$1,561 357 $1,875 $1,275
$1,516 1		$2,100 1	$1,883 10	$1,910 18		$1,938 22 $2,208 $1,642	$1,473 67 $1,875 $1,114	$1,244 2	$1,605 5
$1,464 5	$1,267 2	$1,425 1	$2,284 24 $2,575 $1,875	$1,724 9		$1,765 5	$1,393 51 $1,683 $1,100	$1,206 5	$1,300 2

AVERAGE MONTHLY SALARY OFFERS

Master's Candidates-Inexperienced[1]

(Data Combined for Men and Women)

Graduate Program	Number of Offers July 1983	Number of Offers July 1982	Average $ Offers July 1983	Average $ Offers July 1982	Percent Change in $ Offers from July 1982	Percentiles 90th	Percentiles 50th	Percentiles 10th
Business								
Accounting	390	445	$1,891	$1,847	2.4%	$2,092	$1,917	$1,645
MBA—Non-technical undergraduate								
Less than 1 year	1,518	2,112	2,215	2,135	3.8	2,833	2,167	1,666
Over 1 to 2 years[2]	661	745	2,484	2,348	5.8	3,083	2,500	1,833
Over 2 to 4 years[2]	756	850	2,632	2,503	5.2	3,333	2,666	2,000
Over 4 years[2]	442	426	2,672	2,443	9.4	3,333	2,667	2,000
MBA—Technical undergraduate								
Less than 1 year	527	469	2,524	2,314	9.1	3,000	2,500	2,000
Over 1 to 2 years[2]	305	196	2,722	2,462	10.6	3,333	2,750	2,082
Over 2 to 4 years[2]	330	239	2,780	2,596	7.1	3,250	2,763	2,250
Over 4 years[2]	122	122	2,800	2,635	6.3	3,375	2,833	2,167
MS—Business (incl. Management, Marketing, Finance, etc.)	125	198	2,122	2,099	1.1	2,667	2,083	1,500
Industrial Mgmt. (incl. Industrial Admin.)	63	34	2,196	1,988	10.5	2,550	2,166	1,900
Administration (incl. Public, Hospital, etc.)	52	47	1,868	1,726	8.2	2,333	1,813	1,475
Humanities and Social Sciences								
Humanities	34	38	1,617	1,512	6.9	2,250	1,617	1,083
Social Sciences	90	117	1,606	1,552	3.5	2,291	1,500	1,050
Engineering								
Chemical	100	160	2,404	2,459	- 2.2	2,600	2,416	2,166
Civil (incl. Construction, Sanitary, & Transportation Engrg.)	125	186	2,260	2,249	0.5	2,583	2,314	1,800
Electrical (incl. Computer Engrg.)	836	699	2,461	2,369	3.9	2,667	2,475	2,250
Industrial	72	107	2,291	2,295	- 0.2	2,550	2,300	2,033
Mechanical	408	460	2,400	2,332	2.9	2,625	2,417	2,135
Nuclear (incl. Engrg. Physics)	38	35	2,386	2,300	3.7	2,650	2,350	2,200
Sciences								
Chemistry	18	38	2,203	1,987	10.9	*	*	*
Computer Science	233	316	2,359	2,267	4.1	2,583	2,350	2,125
Geology & Related Geological Sciences	81	263	2,472	2,422	2.1	2,720	2,540	2,200
Mathematics	56	65	2,124	2,162	- 1.8	2,550	2,114	1,683
Metallurgy (incl. Met. Engrg., Materials Engrg./Sc., & Ceramics)	33	70	2,417	2,320	4.2	2,615	2,416	2,292
	7,415	8,437						

Doctoral Candidates

Engineering								
Chemical	81	88	$3,130	$3,019	3.7%	$3,375	$3,167	$2,900
Civil (incl. Construction, Sanitary, & Transportation Engrg.)	13	18	2,936	2,851	3.0	*	*	*
Electrical (incl. Computer Engrg.)	123	101	3,200	3,099	3.3	3,625	3,210	2,833
Mechanical	34	65	3,150	2,959	6.5	3,500	3,200	2,583
Sciences								
Chemistry	214	282	2,694	2,719	- 0.9	3,050	2,800	2,160
Mathematics (incl. Operations Research, Statistics, & Actuarial Science)	19	29	2,585	2,544	1.6	*	*	*
Metallurgy (incl. Met. Engrg., Materials Engrg./Sc., & Ceramics)	20	37	3,072	2,968	3.5	3,333	3,083	2,935
Physics	68	73	2,903	2,785	4.2	3,333	3,014	2,416
	572	693						

[1]One year or less of full-time, non-military employment unless otherwise indicated. *Not computed for fewer than 20 offers.
[2]Years of previous full-time, non-military employment.

(continued from page 1)
the highest average monthly salary offer for inexperienced candidates—$2,524, up a hefty 9.1 percent since last year.

The July 1983 report covers the period from September 1, 1982, through June 10, 1983. The data include offers made to students graduating between September 1 and August 31, as reported by the 185 placement offices at the 160 participating colleges and universities. In addition to the 33,604 offers to bachelor's degree candidates, these placement offices reported 4,799 offers to inexperienced master's degree candidates; 2,616 offers to MBA candidates with previous full-time, non-military employment experience; and 572 offers to doctoral candidates.

Salary Survey reports are available only to CPC members and subscribers to the *Salary Survey* package. Additional copies of this report can be obtained for $1.50 each.

The Committee on Statistical Services 1982-1983

Marvin J. Roth, Lafayette College (Chairperson); Bill W. Baker, Halliburton Services; Dennis E. Caffrey, Mobil Oil; Jack T. Carter, Fieldcrest Mills; Robert F. Menke, Arizona State University; Glenn T. Rosenthal, Ball State University; Susan C. Terrill-Flint, University of Wyoming. Ex Officio: Eugene R. Seeloff, Lehigh University; Herbert W. Robinson, U.S. Office of Personnel Management. Jesse M. Smith, Executive Director, College Placement Council; Judith O'Flynn Kayser, Manager, Statistical Services, College Placement Council.

Participating Placement Offices

Akron, Alabama A & M, Arizona, Arizona State, Arkansas-Fayetteville, Auburn, Baylor, Bentley, Boston, Brigham Young, Brown, Bucknell, Cal Tech, California: Berkeley-Los Angeles, California Poly-San Luis Obispo, California State: Chico-Fresno-Long Beach-Sacramento, California State Poly-Pomona, Carnegie-Mellon, Case Western Reserve, Cedar Crest, Chicago (Grad Bus), Clemson, Cleveland State, Colorado, Colorado Mines, Colorado State, Columbia, Columbia (Grad Bus), Connecticut, Cornell, CUNY: Bernard M. Baruch College-City College-Hunter College, Dartmouth, Delaware, Delaware State, Denver, Detroit, Duke, Duke (Grad Bus), Fairleigh Dickinson-Teaneck, Florida A & M, George Washington, Georgia, Georgia Tech, Grambling State, Grove City, Houston, IIT, Idaho, Illinois (Engrg, Com Bus), Indiana, Iowa, Iowa State, Iowa State (Sci & Hum), Jackson State, Kansas (Arts, Bus, Engrg), Kansas State, Kentucky, Lafayette, Lamar, Lehigh, Lincoln (PA), Louisiana Tech, MIT, Maine-Orono, Mary Washington, Massachusetts-Amherst, Memphis State, Michigan: Ann Arbor (Engrg, Govt Placement, Grad Bus)-Dearborn, Michigan State, Michigan Tech, Minnesota-Minneapolis (Mgmt), Mississippi, Mississippi State, Missouri: Columbia (Engrg)-Kansas City-Rolla-St. Louis, Montana, Montana State, Morgan State, Mount Holyoke, Nebraska-Lincoln, Nevada-Reno, New Jersey Tech, New Mexico, New Mexico State, NYU (Grad Bus), North Carolina: Chapel Hill-Greensboro, North Carolina A & T State, North Dakota, North Texas State, Northern Arizona, Northwestern, Northwestern (Kellogg), Ohio, Ohio State (Admin, Arts, Engrg), Oklahoma, Oklahoma State, Oklahoma State (Agri), Oregon, Oregon State, Penn, Penn (Wharton), Penn State: University Park-Capitol Campus, Pittsburgh, Polytechnic Institute of NY, Portland State, Prairie View A & M, Princeton, Purdue, Rensselaer, Rhode Island, Rochester, Rochester (Grad Mgmt), Rutgers: Camden (Arts and Science)-New Brunswick, San Diego State, San Jose State, Smith, South Carolina, South Dakota Mines, South Florida, Southern California, Southern California (Grad Bus), Southern Illinois: Carbondale-Edwardsville, Southern Methodist, Southern University-Baton Rouge, Stanford, Stanford (Grad Bus), SUNY-Buffalo, Temple, Tennessee-Knoxville, Tennessee State, Texas A & I, Texas A & M, Texas Tech, Texas: Arlington-Austin (Bus, Engrg)-El Paso, Toledo, Tulane, Union, Utah, Utah State, Vanderbilt, Vanderbilt (Owen), Vassar, Villanova, Virginia, Virginia (Colgate Darden), Virginia State, Virginia Tech, Wake Forest, Wake Forest (Babcock), Washington, Washington State, Wayne State, West Virginia, Wichita State, Williams, Wisconsin (Agri, Arts, Bus, Engrg), Worcester Poly, Yale, Yale (Grad Bus).